



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard W. Gross, et al.

Serial No.: 09/618,623

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For: Calcium Independent
Phospholipase A₂ Polynucleotides
and Polypeptides And Methods
Therefor

Art Unit: 1652

Examiner: Y.D. Pak

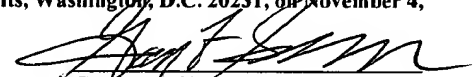
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CERTIFICATE OF MAILING

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SUBMISSION OF MARKED UP SPECIFICATION AND CLAIMS

Hon. Commissioner for Patents
Washington, D.C. 20231

Submitted herewith are marked up specification and claims in accordance with 37 C.F.R. Section 1.121(c)(1)(ii), wherein deletions are noted in brackets [] in the claims and additions to the claims are underlined.

IN THE SPECIFICATION

Replace the 2nd full paragraph on page 4 with the following paragraph.

Thus, in one embodiment, the invention is directed to an isolated nucleic acid molecule comprising a set of iPLA₂ polynucleotides. In one aspect of this embodiment, the iPLA₂ polynucleotides encode an iPLA₂ polypeptide. The iPLA₂ polypeptide catalyzes cleavage of fatty acids from the *sn*-2-position of phospholipids. One preferred sequence of the iPLA₂ polypeptide is set forth in SEQ ID NO: 1, which represents the amino acid sequences corresponding to alternative splice variants of iPLA₂. Splice variants, identified herein as gamma 1 and gamma 2, involve splice sites 5' to the start codon so that both splice variants encode the same